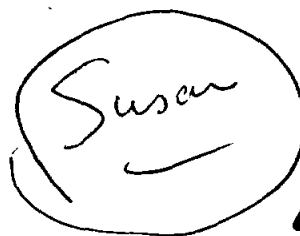


SENT FEDERAL EXPRESS



MILES

Miles Inc.
P.O. Box 40
Elkhart, IN 46515

March 23, 1989

Mr. Robert Lance, 5HS11
U.S. EPA Region V
230 S. Dearborn
Chicago, IL 60604

Re: Himco, Inc. Dump, Elkhart County, Indiana

Dear Mr. Lance:

As we discussed in our meeting in Chicago on Friday, March 17, we are providing additional information on generators at the referenced site for the period 1960 to 1976. These generators were taken from the Himco customer list attached to Mr. Himes March 16, 1989 affidavit. In some cases, the referenced generators may be identified by their current company name as opposed to the name used prior to 1976.

We have identified seven general classes of generators from the Himco customer list. These are: 1) Vehicle Maintenance; 2) Paint Shops/Van Converters/Mobile Homes; 3) Metal Finishers/Platers/Formers; 4) Wood Furniture Manufacturing; 5) Printing/Photography; 6) Foundries; and 7) Plastics Extrusion/Molding. Attachments 1 through 7 provide for each of these generator classes a description of typical process operations, typical materials used, and potential waste types that would be produced by these generators.

During 1960 through 1976, the disposal of waste streams from the generator classes listed was not strictly regulated. The disposal of a portion of these wastes at the referenced site is probable. As indicated, the types of waste that might be generated by these industries can be quite extensive and includes many currently defined hazardous wastes.

For each of the generators classes, we are providing those customers from the Himco list which, based upon our knowledge, were engaged in the operations identified. These listings are included as Attachments 8 through 14.

Mr. Robert Lance
March 23, 1989
Page 2


Also included in Attachment 15 is a classification of several companies from the listing of "Suggested Additional Section 104(e) Requests From Himco Customer List" which you received during our meeting on March 17.

In addition to those business classified in Attachment 15, the following companies would generate pharmaceutical/medical type wastes:

Binkley Pharmacy
Hook Drugs
Hudson Ob/GYN Associates
Klinger Pharmacy
Medical Arts Building
Simpson Medical Group
Three Point Veterinarian

Please contact the undersigned at telephone 219-262-7234 if you require additional information regarding this submittal.

Sincerely,

A handwritten signature in cursive script that reads "R. Lennie Scott" followed by a stylized flourish or initials.

R. Lennie Scott, P.E.
Manager
Corporate Environmental Affairs

Enclosures

ATTACHMENT 1

VEHICLE MAINTENANCE

<u>TYPICAL PROCESS/ OPERATION</u>	<u>TYPICAL MATERIALS USED</u>	<u>POTENTIAL WASTE TYPES</u>			
		<u>IGNITABLE</u>	<u>SOLVENTS</u>	<u>ACIDS/ ALKALINE</u>	<u>HEAVY METALS</u>
Oil and grease removal	degreasers - (gunk), carburetor cleaners, engine cleaners, varsol, solvents, acids/alkalies	X	X	X	
Engine, parts and equipment cleaning	degreasers - (gunk), carburetor cleaners, engine cleaners, solvents, acids/ alkalies, cleaning fluids	X	X	X	
Rust removal	naval jelly, strong acids, strong alkalies			X	
Paint preparation	paint thinners, enamel reducers, white spirits	X	X		X
Painting	enamels, lacquers, epoxies, alkyds, acrylics, primers	X	X		X
Spray booth, spray guns and brush cleaning	paint thinners, enamel reducers, solvents, white spirits	X	X		X
Paint removal	solvents, paint thinners, enamel reducers, white spirits	X	X		X
Used lead-acid batteries	car, truck, boat, motorcycle and other vehicle batteries			X	X

ATTACHMENT 2

PAINTING SHOPS/VAN CONVERTERS/MOBILE HOMES

POTENTIAL WASTE TYPES

<u>TYPICAL PROCESS/ OPERATION</u>	<u>TYPICAL MATERIALS USED</u>	<u>IGNITABLE/ PAINT WASTE</u>	<u>SOLVENTS</u>	<u>ACIDS/ ALKALINE</u>	<u>HEAVY METALS</u>
Painting, paint preparation, paint cleanup	thinners, reducers, enamels, lacquers, epoxy, primers, solvents	X	X		X
Paint removal	solvents, thinners	X	X		X
Cleaning/degreasing	metal cleaners, degreasers	X	X	X	
Fastening	adhesives, epoxy	X			
Welding/soldering	fluxes, soldering agents				X
Chassis lubrication and assembly	oils and greases				X
Rustproofing	acid/alkaline cleaners, paints	X	X	X	X
Air conditioner charging	refrigerants		X		

ATTACHMENT 3

METAL FORMING/FINISHING/PLATING

<u>TYPICAL PROCESS/ OPERATION</u>	<u>TYPICAL MATERIALS USED</u>	<u>POTENTIAL WASTE TYPES</u>				
		<u>IGNITABLE</u>	<u>SOLVENTS</u>	<u>ACIDS/ ALKALINE</u>	<u>HEAVY METALS</u>	<u>REACTIVE WASTES</u>
Machining	cutting oils, equipment cleaning solvents		X		X	
Cleaning/degreasing	solvents, degreasers, stripping and cleaning solutions	X	X	X		
Metal electroplating, anodizing, coating, galvanizing	spent plating solutions, sludges, stripping and cleaning solutions			X	X	
Paint wastes, paint preparation, paint cleanup	primers, top coats, thinners, solvents	X	X		X	
Metal coating/ rustproofing	oxidizing baths					X

ATTACHMENT 4

FURNITURE/WOOD MANUFACTURING

<u>TYPICAL PROCESS/ OPERATION</u>	<u>TYPICAL MATERIALS USED</u>	<u>POTENTIAL WASTE TYPES</u>			
		<u>IGNITABLE</u>	<u>SOLVENTS</u>	<u>PAINT WASTE</u>	<u>HEAVY METALS</u>
Wood cleaning and wax removal	petroleum distillates, white spirits	X	X		
Refinishing/stripping	paint removers, varnish removers, enamel removers, shellac removers, paint solvents, turpentine	X	X	X	
Staining	stains	X	X		
Painting	enamels, lacquers, epoxy, alkyds, acrylics	X	X	X	X
Finishing	varnish, shellac, polyurethane, lacquers with residues	X	X		
Brush cleaning and spray gun cleaning	paint thinners, enamel reducers, varnish removers, shellac removers, white spirits	X	X	X	

ATTACHMENT 5

PRINTING/PHOTO SHOPS

<u>TYPICAL PROCESS/ OPERATION</u>	<u>TYPICAL MATERIALS USED</u>	<u>POTENTIAL WASTE TYPES</u>		
		<u>ACIDS/ ALKALINE</u>	<u>SOLVENTS</u>	<u>HEAVY METALS</u>
Plate Preparation:				
Counter-etch to remove oxide	phosphoric acid	X		
Deep-etch coating of plates	deep-etch bath	X		X
Etch baths	multimetal plate and plate coating	X		X
Apply light sensitive coating	resins, binders, emulsion, photosensitizers, gelatin, photoinitiators	X		
Develop plates	developer	X		
Wash/clean plates, type, die, press blankets and rollers	alcohols, solvents	X	X	
Ink	pigments, dyes, varnish, drier, extender, modifier		X	X
Photographic developing	acid/alkalies, developer solutions	X		
Fixing	fixers with heavy metals	X		X
Cleaning of equipment	acids/alkalies	X		X

ATTACHMENT 6

FOUNDRIES

POTENTIAL WASTE TYPES

<u>TYPICAL PROCESS/ OPERATION</u>	<u>TYPICAL MATERIALS USED</u>	<u>IGNITABLE</u>	<u>SOLVENTS</u>	<u>ACIDS/ ALKALINE</u>	<u>HEAVY METALS</u>
Casting and mold preparation	molding sands, resin binders				X
Rust removal	stripping solutions			X	
Cleaning/degreasing	metal cleaners, solvent baths	X	X		
Rustproofing and protection	oxidizing baths, oils and greases, paints and primers		X	X	X

If additional metal working is done at the facility, see potential wastes from metal forming, finishing and plating operations.

ATTACHMENT 7

PLASTIC EXTRUSION/MOLDING

<u>TYPICAL PROCESS/ OPERATION</u>	<u>TYPICAL MATERIALS USED</u>	<u>POTENTIAL WASTE TYPES</u>			
		<u>IGNITABLE</u>	<u>SOLVENTS</u>	<u>ACIDS/ ALKALINE</u>	<u>HEAVY METALS</u>
Solvent welding of plastic	ignitable solvents, welding solutions	X	X		
Fastening	adhesives, epoxy	X			
Painting, dyeing, paint preparation and cleanup	paints, metal bearing, dyes, thinners, solvents	X	X		X
Extrusion machine cleanup	solvents, metal degreasers	X	X		

ATTACHMENT 8

COMPANIES ENGAGED IN VEHICLE MAINTENANCE

COMPANY

Ace Cab of Elkhart, Inc.
Battjes Pontiac, Inc.
Conrail Corp.
Eby Ford Sales, Inc.
Eddie's Marathon Service
Elkhart Air Service
Fiddler Concrete
Gelco Truck Leasing
Goshen Implement Co.
GTE North 3102032
Henkels & McCoy, Inc.
Lichti Foreign Car Service
Linville Olds-Cadillac
McHenry Olds-Cadillac
Michiana Beechcraft, Inc.
Morgan Drive Away, Inc.
Motor Supply Co., Inc.
Pete Fall Ford, Inc.
Putnam Volkswagen, Inc.
Sears Automotive
Showalter Buick
Skyline Corporation
Smith's Transfer Corp.
Sorg Dodge, Inc.
Superior Body Works
Village Motor Sales
Zook, Inc.

ATTACHMENT 9

COMPANIES ENGAGED IN PAINTING/VAN CONVERSION/MOBILE HOMES

COMPANY

By-Pass Paint Shop
Devan Corporation
Eaz-Lift Spring Corp.
Journey Motor Homes, Inc.
Kropf Mfg. Co., Inc.
Liberty Homes
Lone Star Industries
Miller Structures
Reese Products, Inc.
Rollie Williams Paint Spot
Titan Homes
U.S. Conversions, Inc.
Wells Cargo, Inc.
Yellowstone, Inc.

ATTACHMENT 10

COMPANIES ENGAGED IN METAL FINISHING/PLATING/FORMING

COMPANY

AACOA Company
Adams & Westlake Co.
Armstrong, W.T. Co.
Arrow Tool, Inc.
Bach, Vincent Corp.
Blessing E.K.
C. O. Tools, Inc.
C.T.S. of Elkhart (Main)
C.T.S. of Elkhart (Plas)
C.T.S. Plastics Division
Carlton Mfg.
Cauffman Products, Inc.
Continental Can
Custom Fabricators, Inc.
D & W Sales Inc.
Durakool, Inc.
Easco Aluminum
Elkhart Machine & Tool
Farries-McMeekan, Inc.
Gunit Corporation
Hermaseal Company, Inc.
Kampco Steel Products
Kelsey-Hayes Gunit Div.
L & J Press, Corp.
Labour Pump Company
Metalock, Inc.
Miller Structures
Mor-Ryde, Inc.
Plant 7 Machine & Tool Inc.
Querry Tool Die & Engr.
Reese Products, Inc.
Riblet Products - Frame Div.
Riblet Products - Steel Div.
Selmer Division
South Side Plating
St. Joe Steel
Star Machine, Inc.
State Wide Aluminum #1
Walerko Tool & Engineering
Ward Inc.
Wee Shape Frames

ATTACHMENT 11

COMPANIES ENGAGED IN WOOD FURNITURE MANUFACTURING

COMPANY

Beauty Tex Corp.
Domore Systems Division
Hartson-Kennedy Co., Inc.
Mobilcraft Wood Products
Woodtek

ATTACHMENT 12

COMPANIES ENGAGED IN PRINTING/PHOTOGRAPHY

COMPANY

Bethel Publishing Co.
Don's Printing Inc.
Franklin Press, Inc.
Impressions, Inc.
Instant Copy
Kellmark Corporation
Lithotone, Inc.
Minit Print
Printing House, Inc.
Rapture Studios
Reproduction Lab., Inc.
Truth Publishing Co., Inc.

ATTACHMENT 13

COMPANIES ENGAGED IN FOUNDRY OPERATIONS

COMPANY

Arrow Tool, Inc.
Atlas Die Inc.
Crosbie Foundry, Inc.
Elkhart Brass
Elkhart Foundry & Machine
Labour Pump Company

ATTACHMENT 14

COMPANIES ENGAGED IN PLASTICS EXTRUSION/MOLDING

COMPANY

Delta Formed Plastic
Experimental Nylon
Foamcraft, Inc.
Foamex Products, Inc.
Indiana Plastics, Inc.
Industrial Plastics Corp.
LRV Corporation
Midwestern Rubber Prod.
Modular Plastics
Needlecraft, Inc.
Plastics Extrusion Operations

ATTACHMENT 15

GENERATOR CLASSES FOR LIST OF 49 GENERATORS PROVIDED 3/17/89

<u>COMPANY</u>	<u>GENERATOR CLASS</u>
Battjes Pontiac, Inc.	Vehicle Maintenance
Eby Ford Sales, Inc.	Vehicle Maintenance
Eddie's Marathon Service	Vehicle Maintenance
Gelco Truck Leasing	Vehicle Maintenance
Lichti Foreign Car Service	Vehicle Maintenance
McHenry Olds-Cadillac	Vehicle Maintenance
Pete Fall Ford, Inc.	Vehicle Maintenance
Sears Automotive	Vehicle Maintenance
Showalter Buick	Vehicle Maintenance
Sorg Dodge, Inc.	Vehicle Maintenance
Village Motor Sales	Vehicle Maintenance
Wells Cargo, Inc.	Paint Shops/Van Convertors/ Mobile Homes
Blessing E.K.	Metal Finishers/Platers/ Formers
Plant 7 Machine & Tool, Inc.	Metal Finishers/Platers/ Formers
Querry Tool Die & Eng.	Metal Finishers/Platers/ Formers
Wee Shape Frames	Metal Finishers/Platers/ Formers
Mobilcraft Wood Products	Wood Furniture Manufacturing
Instant Copy	Printing/Photography
Minit Print	Printing/Photography